

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (currently amended): A polymeric fluorescent substance exhibiting visible fluorescence in solid state, having a polystyrene reduced number-average molecular weight of  $1 \times 10^3$  to  $1 \times 10^8$ , and containing one or more repeating units of the following formula (1), the amount of the repeating units of formula (1) being from more than 9 mol% to 100 mol% based on the total amount of all repeating units,



wherein,  $\text{Ar}_1$  represents an arylene group having 6 to 60 carbon atoms participating in the conjugation or a divalent heterocyclic compound group having 2 to 60 carbon atoms participating in the conjugation, each  $\text{Ar}_1$  independently carrying a substituent represented by the below formula (2);  $m$  represents 0 or 1;  $\text{R}_1$  and  $\text{R}_2$  are independently selected from the group consisting of a hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, an aryl group having 6 to 60 carbon atoms, a heterocyclic compound group having 2 to 60 carbon atoms and a cyano group;

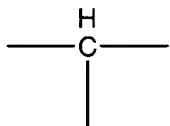


wherein,  $\text{X}$  represents  $-\text{O}-$ ,  $-\text{S}-$ , or  $-\text{SiR}_3\text{R}_4-$ ; and  $\text{R}_3$ , and  $\text{R}_4$  are independently selected from the group consisting of a hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, an aryl group having 6 to 60 carbon atoms, a heterocyclic compound group having

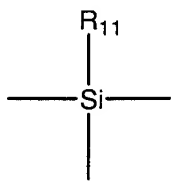
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2 to 60 carbon atoms and a cyano group; Ar<sub>2</sub> represents a heterocyclic compound group having 2 to 60 carbon atoms participating in the conjugation or an aryl group having 6 to 60 carbon atoms participating in the conjugation and having at least one substituent thereon; the substituents on the aryl group are selected from linear, branched or cyclic alkyl groups having 5 to 20 carbon atoms, alkoxy groups carrying a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, alkylthio groups carrying a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, mono-, di- or tri-alkylsilyl groups having 1 to 60 carbon atoms, mono- or di-alkylamino groups having 1 to 40 carbon atoms, aryl groups having 6 to 60 carbon atoms and having at least one substituent thereon, and aryloxy groups having 6 to 60 carbon atoms, ~~arylalkyl groups having 7 to 60 carbon atoms, arylalkoxy groups having 7 to 60 carbon atoms, arylalkenyl groups having 8 to 60 carbon atoms, arylalkynyl groups having 8 to 60 carbon atoms, mono-arylamino groups having 6 to 60 carbon atoms, diarylamino groups having 16 to 60 carbon atoms, and heterocyclic compound groups having 2 to 60 carbon atoms;~~

wherein the portion represented by -CH<sub>3</sub> in the substituents on the above Ar<sub>2</sub> may be replaced with -SiR<sub>6</sub>R<sub>7</sub>R<sub>8</sub>, the portion represented by -CH<sub>2</sub>- may be replaced with -O-, -S-, or -SiR<sub>9</sub>R<sub>10</sub>-, the portion represented by



may be replaced with



the above R<sub>6</sub>, R<sub>7</sub>, R<sub>8</sub>, R<sub>9</sub>, R<sub>10</sub>, and R<sub>11</sub> each independently represent a group selected from a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, an aryl group having 6 to 20 carbon atoms, a heterocyclic compound group having 2 to 20 carbon atoms, and a cyano group; wherein one or more hydrogen atoms of the substituent on the above Ar<sub>2</sub> may be substituted with a fluorine atom; and when a plurality of the substituents are present on Ar<sub>2</sub>, they may be the same or different.

2. (canceled).
3. (currently amended): A polymer light emitting device, comprising a pair of electrodes composed of an anode and a cathode at least one of which is transparent or semitransparent, and at least one light emitting layer placed between the electrodes, wherein the polymeric fluorescent substance of Claim 1 ~~or 2~~ is contained in said light emitting layer.
4. (original): A flat light source obtained by using the polymer light emitting device of Claim 3.
5. (original): A segment display obtained by using the polymer light emitting device of Claim 3.

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6. (original): A dot matrix display obtained by using the polymer light emitting device of Claim 3.

7. (original): A liquid crystal display obtained by using the polymer light emitting device of Claim 3 as a back-light.